EQUIUM 7300D Series Specifications

PLATFORM	
SERIES NAME	**EQUIUM 7300D**
PART NUMBER	**PV1052U-xxxx:** See Configuration Page
PROCESSOR	
Intel Celeron®	Yes
Available processor speeds	433, 466, 500MHz
ZIF socket	Yes
Integrated Coprocessor	Yes
MMX support	Yes
ECC support	Yes
Processor Cache (L1) Capacity	32KB: (16KB code; 16KB data)
Bus Speed	66MHz Front Side Bus
LEVEL 2 (L2) CACHE	**Yes: 128KB** Pipeline Burst SRAM ***Integrated into CPU***
Data Bus Width/Address Bus Width	64-bit/64-bit
Local Clock Bus Speed	Half of the Processor clock
SYSTEM BOARD	
Form Factor	NLX (8.25" x 10")
Chipset	Intel 810
Down Components	
I/O Controller	Yes
Graphics Controller	Integrated into Intel 810 chipset
Audio Controller	Software Audio (AC'97)
SYSTEM ARCHITECTURE	
PCI BUS (V2.1): (32-bit, 33mhz)	Yes: 4-Half-length slot
Form Factor	NLX Riser Adapter
AGP BUS	Yes
HARDWARE MONITORING (DMI ASIC)	Yes
MEMORY: SDRAM (PC100)	
Type	168-pin SDRAM DIMM's with gold-plated contacts, unbuffered
Available Standard Configurations (x*64MB)	64MB, 128MB or 256MB ***(As Listed:*** See Configuration Page***)***
Maximum	512MB
Local Clock Bus Speed	100 MHz
Socket type:	(2) 168-pin gold plated DIMM sockets: Accepts 64/128/256MB memory
BIOS (FLASH EEPROM, 4MB)	Yes
Plug & Play BIOS	Yes
DMI Compliant	Yes
Setup Support	Yes
USB (v.1.0)	Yes
Advanced Power Management 1.2 (APM)	Yes
PnP Support (v.1.0a)	Yes
VESA support	Yes
DPMS Support	Yes
DDC Support	Yes
DMI (v.2.0) support	Yes
UDMA - 33	Yes
UDMA – 66	Yes
POST	Yes
ACPI	Yes
Machine ID	Yes

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EQUIUM 7300D Series Specifications

SERIES NAME	**EQUIUM 7300D**
PART NUMBER	***PV1052U-xxxx:*** See Configuration Page
EXTERNAL INTERFACES	
One RJ-45 port	***As Listed:*** See Configuration Page
One 9-Pin Serial (16550 UART compliant)	Yes
Universal Serial Bus ports[1]	Supports 2 USB peripherals without external hub
One 25-Pin Parallel	Yes: Supports EPP, ECP
One 15-Pin RGB (SVGA video)	Yes
One (PS/2) Mouse Port	Yes
One (PS/2) Windows 95 104 Keyboard	Yes
Microphone (3.5mm mini jack, monaural)	Yes
Line-out (3.5mm mini jack, stereo, 0.7V rms)	Yes
AC IN (Standard 3 prong)	Yes
VIDEO (SDRAM)	
Video Memory	Intel Dynamic System Memory ***(Shares System Main Memory)***
Data Bus Width	64-bit
Clock Speed	100 MHz
Graphic Controller	
Standards Supported	DPMS Power Managment, PnP compliant
Controller Chip	Integrated into Intel 810 chipset ***(Intel 752 graphics compatible)***
Connected Bus type	CPU System Bus
64-bit BitBLT Engine	Yes
2D Supported Features	BitBLT, Hardware Cursor, DirectDraw
3D Supported Features	Yes
Triangle Setup	Yes
Modeling	Fogging, lighting
Shading	Gouraud shading
Rendering	Texture mapping: Nearest, Linear, MIP Nearest, MIP Linear, Anisotropic, Z-Buffering
Alpha-blending	Yes
Direct3D support	Yes
Digital Video Accelerator	
YUV Color Space Conversion	Yes: Off-loads conversion from CPU for higher performance full motion video Without compromising picture quality or frame rate.
Scaling	Yes: Bilinear Interpolation
Motion Compensation	Yes

SUPPORTED VIDEO RESOLUTIONS (Non-interlaced unless otherwise specified)	**Colors/ Refresh Rate 4MB Memory**	
640 x 480	24-bit (16.7M)	85 Hz
800 x 600	24-bit (16.7M)	85 Hz
1024 x 768	24-bit (16.7M)	85 Hz
1280 x 1024	24-bit (16.7M)	85 Hz
1600 x 1200	8-bit (256)	75 Hz

SOUND SYSTEM	
Chipsets:	Integrated into Intel 810 chipset ***(Audio-Codec 97)***
Compatibility	Sound Blaster Pro & Windows Sound System
FM Synthesis	Yes
16-bit stereo audio *full duplexed*	Yes
3D sound support	Yes
DirectSound	Yes
Built-in microphone	No

1. Both ports operate from a single controller allowing 128 devices total, not per port. Throughput for the Universal Serial Bus (USB) 12mb/sec.

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EQUIUM 7300D Series Specifications

SERIES NAME	**EQUIUM 7300D**
PART NUMBER	***PV1052U-xxxx:*** See Configuration Page

CHASSIS "DESKTOP DESIGN"

EXPANSION BAY		**TOTAL**	**AVAILABLE**	**CONFIGURED**
Internal	3.5”	2	1	1 (HDD)
	5.25”	0	0	0
External	3.5”	1	0	1 (FDD)
	5.25”	2	1	1 (CD-ROM)

EXPANSION SLOTS	**TOTAL**	**AVAILABLE**	**CONFIGURED**
PCI: Half-Length	4	4	0

POWER SUPPLY (200Watts)		
Input (Voltage/Frequency)		115-230V; 47-63Hz
Cord Length		6 feet
SUPPORTED SAFETY STANDARDS		
	US/Canada	UL 1950 – CSA 950-95, 3rd Edition, 7/28/95
		CSA C22.2 No. 950-95
		ISO9241-3/8
		ICES-003, Issue 2
		FCC Class B
	Europe	EN 60950: A1-A4 , EN55022
		CE Mark
		EN 50082-1 (1992)
		IEC 801-4 (European harmonized standard)
		IEC 801-2 ESD testing
		IEC 801-3 Radiated Field susceptibility
		TUV/GS Mark, Blue Angel
	International	CISPR 22, 1995
		IEC 950, 2nd Edition, 1995 (w/amendments 1, 2 &3 & 4)
		AS/NZS 3548 Class B (1995)
CERTIFICATIONS: Windows 95 & Windows NT logo, Novell Client, Energy Star		
HARDWARE COMPLIANT: PC98, PC99, Wired For Management (WfM), Year 2000		
SECURITY		
	Hardware	Security Lock Loop (Secures chassis internals) – *lock not included*
	Miscellaneous	Chassis Intrusion Alert
	Password Support	Supervisor/Administrator, User, Sleep
DIMENSIONS		17.32”L x 16.34”W x 5.12”D
WEIGHT		24.5 lbs.

BUNDLED SOFTWARE OPTIONS: Windows 95, Windows 98 Second Edition ***or*** Windows NT Workstation v4.0 w/NT Service Pack 4 & SystemSoft Card Wizard, Intel LANDesk® Client Manager 6.0 and Toshiba SMS Connection
CD’s Included: Toshiba Configuration Builder CD & Toshiba Companion disk

WARRANTY: 3 Yr. Limited Warranty: 1st Year on-site, 2nd and 3rd year parts

ENVIRONMENTAL SPECIFICATIONS	**Operating**	**Non-operating**
Temperature:	50°F (10°C) to 95°F (35°C)	-4°F (-20°C) to 140°F (60°C)
Packaged: -30°C to 70°C	--	--
Relative Humidity:	30% to 80% non-condensing	10% to 90% non-condensing
Shock:	10G; 1.5G w/CD-ROM installed	60G; 10G w/CD-ROM installed
Vibration (5~150Hz f/30 minutes, each axis)	0.3G	0.6G
Packaged: 1.0G	--	--

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EQUIUM 7300D Series Specifications

SERIES NAME	**EQUIUM 7300D**
PART NUMBER	***PV1052U-xxxx:*** See Configuration Page
	COMPONENT
STORAGE	
FDD	3.5” 1.44MB Floppy Disk Drive
HDD (3.5” Half-height Enhanced IDE)	***As Listed:*** See Configuration Page
Type	SMART, Ultra-DMA66
Capacity options	6.4GB, 10.2GB, 13.6GB, 17.2GB, 20.5GB ***(GB = 1billion bytes)***
RPM	5400
Buffer	512KB
Access Time	<9.7 msec
Ultra DMA	Yes
Burst Data Transfer Rate	Ultra DMA Mode4 (66.0MB/sec); Ultra DMA Mode2 (33.0MB/sec); PIO Mode 4/Multi-word DMA mode2 (16.7MB/sec)
Certifications	SMART, UDMA-33, UDMA-66, Energy Star
Controller	Enhanced IDE
CD-ROM:	***As Listed:*** See Configuration Page
Available options	None, 40X CD-ROM or 8X DVD-ROM **(DVD-ROM is for storage only)**
CD-ROM speed	40X
Interface	ATAPI (Enhanced IDE)
Modes supported	PIO mode 4, DMA mode 2, and Ultra DMA
Random Access Time	< 80 ms(typical)
Sustained Data Transfer Rate	2550~6000KB/Sec(17X~40X), average over 30X
Disk Formats supported	ISO9660 Data Discs, CD-ROM(Mode 1 & Mode 2), Mixed Mode (Audio Combined CD-ROM Disc), CD-ROM/XA(Mode 2, Form 1 & Form 2), CD-I/FMV, Video CD, CD-DA, Photo-CD(Single & Multisession), Karaoke CD, CD Extra, CD-RW (read Only)
DVD-ROM (Toshiba SD-M1202)	8X speed, Region 1 **(DVD-ROM is for storage only)**
Interface	ATAPI (Enhanced IDE) *with 256KB Buffer*
Random Access Time	105ms (DVD mode); 80ms (CD-ROM mode)
Sustained Data Transfer Rate (DVD)	4,460KB/sec to 10,800KB/sec
Sustained Data Transfer Rate (CD)	2,595KB/sec to 6,000KB/sec
Supported Disk Formats	Multisession Photo-CD, CD-Extra, CD-ROM XA, CD-I, Video CD, CD-G, CD-I Ready, MPC-3 Compliant, DVD, DVD-R, CD-DA, CD-R, CD-RW (read only)
OTHER OPTIONAL DEVICES	PCMCIA card reader (ISA based) or 100MB Iomega® Zip® (IDE)
ETHERNET SUPPORT	***As Listed:*** See Configuration Page
Available options	Intel EtherExpress PRO/100B PCI or None
Chipset	i82559
Support Network	100Base-TX, 10Base T
Port	RJ 45 (with Connection Status LED and Ethernet Speed LED)
Wake on LAN	Yes

KEYBOARD (PS/2)	
Choice of Two Keyboard Options	Value Keyboard
Enhanced 104-key keyboard	Yes
Windows 95 support	Yes
3.5mm Travel	Yes
12 dedicated function keys	Yes
Numeric keypad	Yes
Keyboard tilt	Yes
Scroll Lock, CapsLock, NumLock Indicators	Yes

POINTING DEVICE	**Choice of**
	2 Button with PS/2 connector
	2 Button Scroller mouse with PS/2 connector and wheel for scroll function

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